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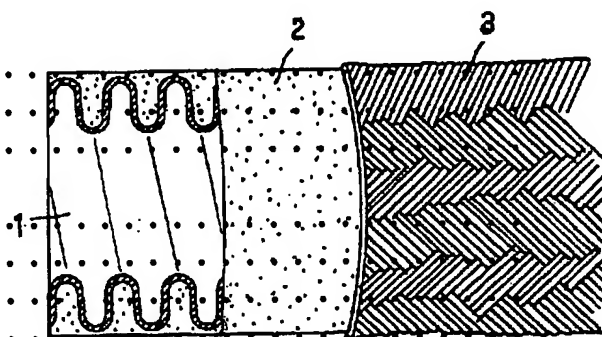
CC02 CC07 DA26 DB09 DB19

(54) 【発明の名称】 冷媒用ホース

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A rectangular array of dots arranged in 4 rows and 15 columns. Each row contains 15 dots, and there are 4 rows in total.

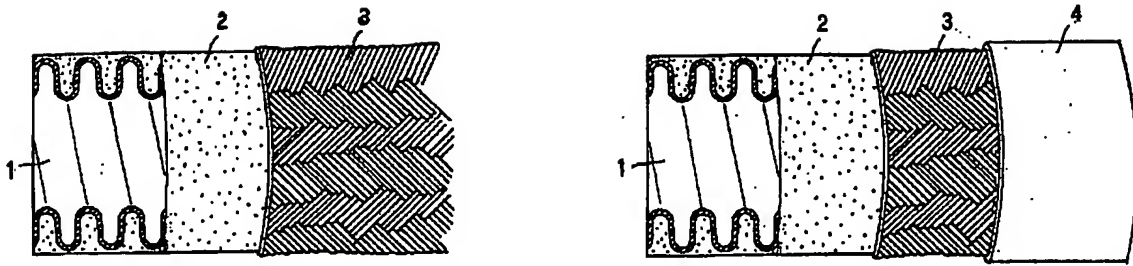
A rectangular array of dots, 4 rows high and 15 dots wide. The dots are arranged in a regular grid pattern.



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[illegible]

A 40x40 grid of dots. The dots are arranged in a regular pattern. The labels 10°, 20°, 30°, and 40° are placed at specific intersections of the grid lines. The label 10° is at the intersection of the 15th and 16th columns and the 25th and 26th rows. The label 20° is at the intersection of the 15th and 16th columns and the 35th and 36th rows. The label 30° is at the intersection of the 15th and 16th columns and the 45th and 46th rows. The label 40° is at the intersection of the 15th and 16th columns and the 55th and 56th rows.



	実施例 1	実施例 2	比較例 1
ホース寸法			
内径 (mm)	7.5	7.5	7.5
補強層外径 (mm)	14.0	14.0	14.0
外径 (mm)	--	15.6	--
ホース構造			
内面層 (蛇腹) 材質	SUS304	SUS304	SUS304
内面層の厚み (mm)	0.20	0.20	0.35
弾性層構造	EPDM	EPDM	--
補強層構造	0.33×24×5	0.33×24×5	0.30×24×5
補強層材質	スチールワイヤー	硬鋼線	スチールワイヤー
外面層材質	--	EPDM	--
ホース性能			
柔軟性 (N)	15	18	3.7
耐圧力 (MPa)	88	93	68
			(変形)
繰返曲回数 (回)	50000 中止	50000 中止	3000
繰返加圧性能 (回)	150000 中止	150000 中止	12000

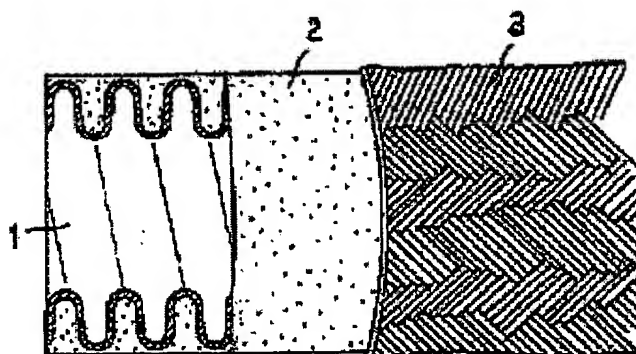
HOSE FOR REFRIGERANT

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Publication date: 2001-07-06
Inventor: ENOMOTO YUKINOBU; TAKANO NOBUKAZU
Applicant: BRIDGESTONE CORP
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- **International:** F16L11/16; F16L11/11
- **European:**
Application number: JP19990377101 19991222
Priority number(s):

Abstract of JP2001182872

PROBLEM TO BE SOLVED: To provide a transport hose for completely preventing transmission of carbon dioxide as a refrigerant while holding flexibility, in relation to the transport hose using carbon dioxide as the refrigerant.

SOLUTION: This hose for refrigerant is composed of an inner surface metallic layer which consists of a bellows pipe, an elastic layer which consists of rubber or thermoplastic resin for covering its outside, and a reinforcing layer which is formed by winding or spirally winding metallic wire or organic fiber for covering the outside of the elastic layer. 1.. (spiral) metallic pipe, 2.. elastic layer, 3.. reinforcing layer, 4.. outer surface layer.



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